QUICKIE
a division of
SUNRISE MEDICAL

Quickie Designs Inc.
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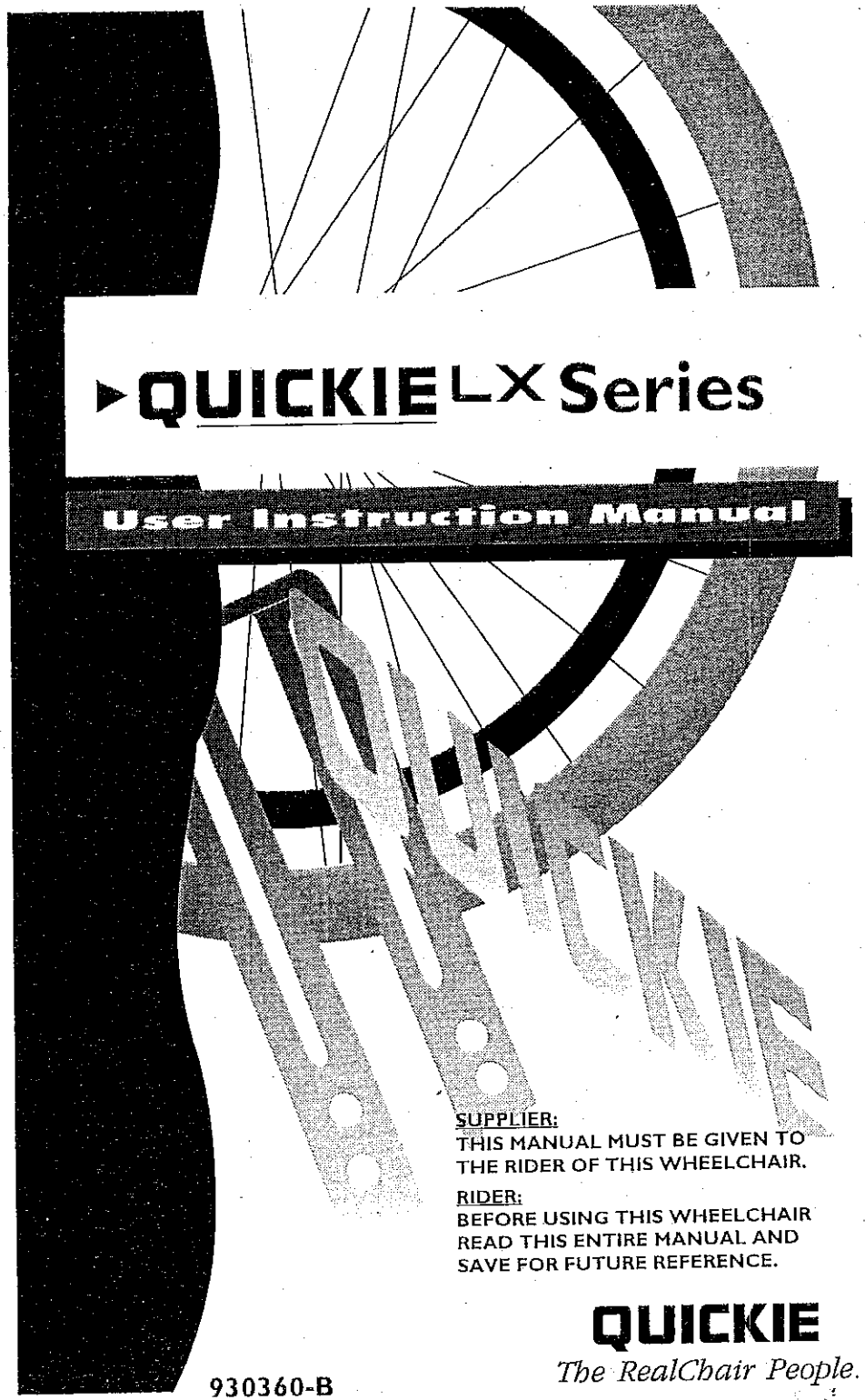
▸QUICKIE LX Series

User Instruction Manual



SUPPLIER:
THIS MANUAL MUST BE GIVEN TO THE RIDER OF THIS WHEELCHAIR.

RIDER:
BEFORE USING THIS WHEELCHAIR READ THIS ENTIRE MANUAL AND SAVE FOR FUTURE REFERENCE.

QUICKIE
The RealChair People.

930360-B

I. INTRODUCTION

Before using this wheelchair, you, and each person who may assist you, should read this entire manual and make sure to follow all instructions. Review the important safety information in each section often, until the warnings are second nature to you.

For your safety and riding pleasure, Quickie provides you with a wide range of components and adjustments for your wheelchair. You will need to work with your doctor, nurse or therapist, and your authorized Quickie supplier to select, fit and adjust this chair for your safe use.

Your authorized Quickie supplier knows your chair best and can answer most of your questions about chair safety, use or maintenance. For your future reference, fill in the following:

Quickie Supplier:_____

Address:_____

Telephone Number:_____

II. QUICKIE LISTENS

We want to hear your questions or comments about this manual, the safety and reliability of your wheelchair and the service you received from your Quickie supplier. Please feel free to write or call us at the address and telephone number below:

Quickie Designs Inc.
Customer Service Department
2842 Business Park Avenue
Fresno, California 93727
(209) 292-2171 or (800) 456-8165

Be sure to return your warranty card, and let us know if you change your address, so that we can keep you up-to-date with important information about safety, new products and options to increase your use and enjoyment of this wheelchair. You will also receive a free subscription to *Quickie Chronicles*, a newsletter just for Quickie users. If you lose or misplace your warranty card, call or write and we will be glad to send you a new one.

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IV. NOTICE

In each of the sections that follow you will find important instructions for your safety. The words "WARNING" and "CAUTION" alert you to specific risks of personal injury or property damage. They mean as follows:

⚠WARNING

A hazard or unsafe practice that may cause severe **injury or death** to you or to other persons.

⚠CAUTION

A hazard or unsafe practice that may cause **damage** to this wheelchair or to other property.

V. GENERAL WARNINGS - READ BEFORE USE

A. WHEELCHAIR RIDER AND ACCESSORIES

Quickie Designs supplies a wide variety of wheelchairs to meet the needs of the wheelchair rider. However, final selection of the type of wheelchair, accessories and adjustments to be used by an individual rests solely with the rider and his/her healthcare professional making such a selection.

B. GETTING TO KNOW YOUR CHAIR

Every wheelchair is different. Take the time to learn the feel of this chair and read this entire manual before you begin riding. Keep in mind that you must develop your own methods for safe use best suited to your unique abilities.

C. SAFETY CHECKLIST

⚠WARNING

If you fail to heed these warnings, a fall or tip over may occur and cause severe injury to you or others. Before each use of your wheelchair you should:

1. **Make sure** that your chair rolls easily and freely and that all parts work smoothly.

   ❖Check for excess noise, vibration or a change in ease of use. They may indicate a problem such as low tire pressure, loose fasteners or damage to your chair.

   ❖If you detect a problem, **make sure** to repair or adjust your chair before using it. Consult your authorized Quickie supplier to help you find and correct the problem.

2. **Make sure** to lock both quick-release rear axles. When locked, the axle buttons will "pop out" fully. An unlocked axle may allow the wheel to come off and cause you to fall.

3. If your chair has anti-tip tubes, make sure to lock them in the "down" position, **except** when:

   ❖You have an attendant; **or**

   ❖You have to climb or descend a curb or overcome an obstacle and can safely do so without using anti-tip tubes.

D. HOW TO AVOID A FALL OR TIP OVER

⚠WARNING

If you fail to heed these warnings, a fall or tip over may occur and cause severe injury to you:

1. Start **slowly** with an easy, smooth first stroke. If you are used to a different chair, you may use too much force and tip over.

2. Have someone help you until you know what can cause a tip over and how to avoid doing so. **Never** try a new maneuver on your own until you are sure you can do it safely.

3. Your chair is the most stable when you propel yourself **forward.** Be very careful when you move your chair **backward**. You may lose control or tip-over if one of the rear wheels hits an object and stops rolling.

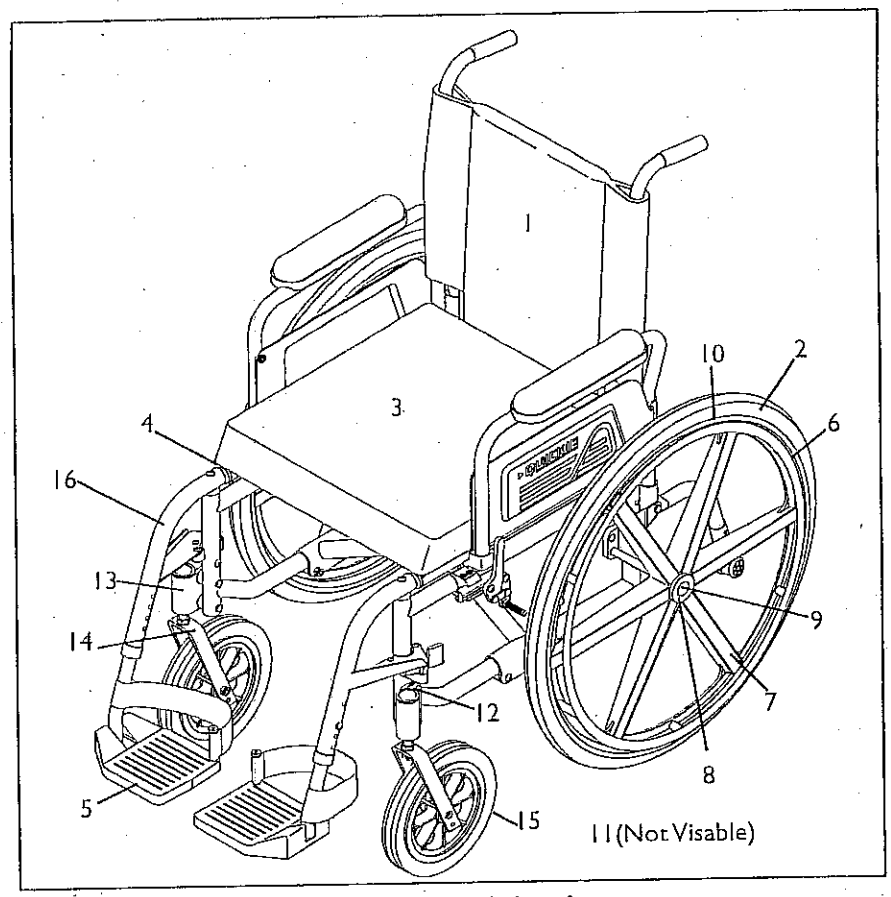
- ❖Anti-tip tubes will reduce the risk that this will occur.

4. Read Section VII - **"WARNINGS FOR SAFE USE."** There you will learn how to avoid a fall or tip over while you:

- ❖Dress or change clothes
- ❖Do a "wheelie"
- ❖Handle doorways and obstacles
- ❖Reach or lean
- ❖Ride on slopes or side hills
- ❖Do transfers
- ❖Go up or down curbs and single steps
- ❖Go up and down stairs

5. A fall or tip over may occur **unless** your chair is properly fitted and adjusted. Read Section VIII - **"COMPONENTS AND OPTIONS"** There you will learn about the options you may choose and learn how to adjust your chair to avoid a fall or tip-over.

VI. YOUR CHAIR AND ITS PARTS



Quickie LX Series

1. Backrest
2. Tire
3. Seat cushion
4. Seat sling
5. Footrest
6. Handrim
7. Spokes
8. Rear wheel hub
9. Threaded or quick-release axle
10. Wheel rim
11. Axle sleeve
12. Caster plate
13. Caster housing
14. Caster fork
15. Caster wheel
16. Swing-away hanger

Quickie LX

Weight
28 lbs. with steel rear axles

Frame Dimensions
Frame width: 12"-20" (seat width 1/2" narrower)
Sling depth: 12"-18"
Cushion: 2", 3", solid seat

Backrest
8° with push handles
16"-19", 14"-17"
Backrest options: solid back, straight push handles

Hanger Type
60°, 70°, 90°, articulating legrest-adult, articulating legrest-kids, elevating, 90° elevating

Footplates
Composite, foam, adult angle-adjustable, kids angle-adjustable, extended, heel loops, legstrap
Footrest extension tubes: short, medium, long, high-mount

Casters
Std - 8" pnuematic
Opt - 5", low-profile polyurethane, 6" pneumatic, 6" polyurethane, 8" polyurethane, 3/4" longer fork stem bolt, 1 1/2" longer fork stem bolt

Armrests
Std - flip-back with standard pad
Opt - padded swing-away, flip-back with full-length pad, flip-back height-adjustable with standard pad, flip-back height-adjustable with full-length pad.

Axle Plates
Standard, adjustable

Axles
Std - threaded
Opt - quick-release, quad-release axle nuts

Anti-tip Tubes
Rear anti-tip tubes, front anti-tip tubes

Standard Rear Wheels
Std - mag
Opt - spoke

Tire Size
Std - 24"
Opt - 20", 22"

Tire Types
Std - pneumatic
Opt - pneumatic with airless insert, full-profile polyurethane, low-profile polyure thane

Handrims
Std - aluminum
Opt - plastic-coated, long tabs

Projections
Opt - vertical, oblique, 6, 8, 10, 12

Wheel Locks
Std - high-push
Opt - high-pull, omit, do not mount, 6" ex tension handles, 9" extension handles, grade aids

All features may not be available with some chair setups or in conjunction with another chair feature. Please consult your authorized Quickie Designs supplier for more information. Your authorized Quickie supplier can also provide you with more information on Quickie accessories and Quickie clothing.

Quickie LXI

Weight
28 lbs. with steel rear axles

Frame Dimensions
Frame width: 12"-20" (seat width 1/2" narrower)
Sling depth: 12"-18"
Cushion: 2", 3", solid seat

Backrest
8° with push handles
16"-19", 14"-17"
Backrest options: solid back, straight push handles

Hanger Type
60°, 70°, 70°V, 90°, articulating legrest-adult, articulating legrest-kids, elevating, 90° elevating, impact guards-plastic, impact guards-neoprene

Footplates
Composite, foam, adult angle-adjustable, kids angle-adjustable, 90° footboard, extended, platform flip-up, heel loops, legstrap, toe loop
Footrest extension tubes: short, medium, long, high-mount

Casters
Std - 8" pnuematic
Opt - 5", low-profile polyurethane, 6" pneumatic, 6" polyurethane, 8" polyurethane, 8" x 2" pneumatic, 8" x 2" pneumatic with airless insert, 3/4" longer fork stem bolt, 1 1/2" longer fork stem bolt, caster pin locks, quick-release caster stems

Armrests
Std - flip-back with standard pad
Opt - padded swing-away, flip-back with full-length pad, height-adjustable with standard pad, height-adjustable with full-length pad, flip-back height-adjustable with standard pad, flip-back height-adjustable with full-length pad.

Axle Plates
Adjustable

Axles
Std - threaded
Opt - quick-release, quad-release axle nuts

Anti-tip Tubes
Rear anti-tip tubes, front anti-tip tubes

Standard Rear Wheels
Std - mag
Opt - spoke

Tire Size
Std - 24"
Opt - 20", 22"

Tire Types
Std - pneumatic
Opt - pneumatic with airless insert, full-profile polyurethane, low-profile polyure thane

Handrims
Std - aluminum
Opt - plastic-coated, long tabs

Projections
Opt - vertical, oblique, 6, 8, 10, 12

Wheel Locks
Std - high-push
Opt - high-pull, omit, do not mount, 6" ex tension handles, 9" extension handles, grade aids

All features may not be available with some chair setups or in conjunction with another chair feature. Please consult your authorized Quickie Designs supplier for more information. Your authorized Quickie supplier can also provide you with more information on Quickie accessories and Quickie clothing.

VII. WARNINGS FOR SAFE USE

A. OPENING AND FOLDING THIS CHAIR

⚠WARNING

Never let your fingers come between the seat rail and the frame rail when you open or fold this wheelchair. Doing so may cause a pinch- or crush-type injury.

B. WHEN YOU NEED ASSISTANCE

⚠WARNING

If you fail to heed theses warnings, a fall or tip over may occur and cause severe injury to you or to your attendant.

For the Rider:
You should **make sure** that persons who assist you read and follow all warnings and instructions that apply to that use. Before using this chair, each attendant must know what to do to ensure safety.

For Attendants:
1. Put the rider at ease. Tell the rider what you plan to do and explain what you expect the rider to do.

2. Work with the rider's doctor, nurse or therapist to learn safe methods best suited to your abilities and those of the rider.

3. If you will be assisting the rider with activities which require the chair to be picked up or tilted, **make sure** that this chair has push handles. They provide secure points for you to hold the rear of the chair to prevent a fall or tip over.

4. **Always** use good posture and proper body mechanics. When you lift or support the rider or chair, bend your knees slightly and keep your back as upright and straight as you can.

5. Unlock and rotate anti-tip tubes up, out of the way, to avoid a trip-and-fall.

6. **Always** lock the rear wheels and lock anti-tip tubes in the "down" position if you must leave the rider alone, even for a moment. Doing so will reduce the risk of a tip over or loss of control of the chair.

C. CENTER OF BALANCE

⚠WARNINGS

The point where this chair will tip forward, rearward or to the side depends on its center of balance and stability. If you fail to heed these warnings, a fall or tip over may occur and cause severe injury to you:

1. The most important adjustment to your chair is the position of the rear axles. The farther you move the rear axles forward, the more likely it is that your chair will tip over backward.

- ❖Consult your doctor, nurse or therapist to find out what axle position is best for you.

2. Changing the setup of this chair increases the risk of a fall of tip over. Be very careful if you make a change to any of the following:

- ❖The position of the rear axles, the distance between the rear wheels or the amount of rear wheel camber.
- ❖The position of the front casters.
- ❖The distance between the center of the front casters and rear wheels.
- ❖The components and options you select.

3. If you modify or adjust this chair, you may need to make other changes as well to correct the center of balance. **Always** consult your authorized Quickie supplier **before** you modify or adjust this chair.

4. To avoid a fall or tip over, you should:

- ❖Have someone help you until you know the balance points of your chair and how to avoid a tip over.
- ❖Use anti-tip tubes until you are sure you are not at risk to tip over.

5. The center of balance and stability of your chair are also affected by:

❖A shift in your body position, posture or weight distribution.

❖Riding your chair on a sloped surface.

Refer to the sections that follow to learn how you can reduce the risk of a fall or tip over by proper use of this chair.

D. DRESSING OR CHANGING CLOTHES

⚠WARNINGS

Your weight may shift if you dress or change clothes while seated in this chair. This may cause a fall or tip over and severe injury to you. To help prevent this, you should:

1. Rotate the front casters to the **forward** position.

2. Lock anti-tip tubes in the "down" position if your chair has anti-tip tubes.

3. Back your chair up against a wall and lock both rear wheels.

E. WHEELIES

A "wheelie" is performed by balancing on the rear wheels of your chair, while the front casters are in the air. If done safely, it can help you overcome curbs and other obstacles.

⚠WARNINGS

It is dangerous to do a "wheelie," as you may fall or tip over backward and suffer a severe injury. **Make sure** that you heed these warnings:

1. Consult your doctor, nurse or therapist to find out if you are a good candidate to learn to do a "wheelie."

2. **Do not** try to do a "wheelie" **unless** you are a highly skilled rider or **unless** you have help.

3. **Make sure** that anti-tip tubes are up, out of the way, so they do not interfere.

4. When learning to do a "wheelie," **make sure** that this chair has push handles. The attendant needs secure points to hold the rear of the chair.

Tips For Doing a "Wheelie" With Help

Follow these steps when learning to do a "wheelie" with help:

1. The attendant should be at the rear of the chair, and must be able to move with the chair to prevent a tip over.

2. The attendant's hands should be **beneath** the push handles, ready to catch you if you tip too far backward.

3. When the attendant is in position, place your hands on the forward area of the handrims.

4. Make a quick backward movement of the rear wheels, quickly followed by a hard forward thrust. This will tilt the chair up on the balance point of the rear wheels.

5. Maintain your balance by small movements of the handrims.

F. DOORWAYS AND OBSTACLES

⚠WARNINGS

1. **Make sure** that the floor areas where you live and work are level and free of obstacles. You may need to

❖Remove or cover threshold strips between rooms.

❖Install a ramp at entry or exit doors.

2. If you chair has anti-tip tubes, **make sure** to lock them in the "down" position before you go **up** over an obstacle.

3. Keep both of you hands on the handrims. If you fail to do so, you may lose control of your chair and tip over.

4. **Do not** propel your chair by pushing or pulling on an object. **Never** pull yourself through a doorway by grabbing the doorjambs with one or both hands.

5. To help correct the center of balance of your chair you should:

❖Lean your upper body **forward** slightly as you go **up** over an obstacle.

❖Press your upper body **backward** as you go **down** from a higher to a lower level.

G. REACHING OR LEANING

⚠WARNINGS

Reaching or leaning affects the center of balance of your chair. If you fail to heed these warnings, a fall or tip over may occur and cause severe injury to you:

1. **Avoid** reaching or leaning if you must shift your weight to do so. Ask for help or use a device to extend your reach.

2. **Never** try to reach an object if you must move forward in your seat to do so. This may cause the chair to tip forward. **Always** keep your buttocks in contact with the backrest.

3. **Never** reach with both hands. If you do so, you may not be able to catch yourself to prevent a fall if the chair tips.

4. **Never** lean backward to reach an object **unless** your chair has anti-tip tubes and they are locked in the "down" position.

5. If you must reach or lean from your wheelchair:

❖Rotate the front casters to the **forward** position. To do this, move your chair past the object, then back up alongside it. Backing up will rotate the casters to their **forward** position.

❖Place your chair as close as you can to the object you wish to reach.

❖Steady yourself by firmly grasping a rear wheel, or an armrest, with one hand. This will help you prevent a fall if the chair tips.

❖**Avoid** putting pressure on the footrests while reaching. This may cause the chair to tip forward.

❖**Do not** lock the rear wheels. This creates a tipping point and makes a fall or tip over more likely.

H. SLOPES AND SIDE HILLS

⚠WARNINGS

Going up or down a slope or riding on a side hill will change the center of balance of your chair. If you fail to heed these warnings, you may suffer a severe injury from a tip over, fall or loss of control:

1. Lean or press your body **uphill** to help correct the change in the center of balance.

2. **Avoid** turning on a slope or a side hill, as a tip over is likely. **Always** go as straight up and straight down as you can.

3. Be very careful if you must **climb** a slope greater than 10%. (A 10% slope means: One foot in elevation for every ten feet in length of the slope.) Ask for help if the slope may be beyond your ability.

❖On a steep slope, anti-tip tubes may not prevent a tip over.

❖On a steep slopes, you may not be able to reach the top without stopping. If you stop, you may lose control and tip over.

4. **Always** control your speed when going **downhill**. If you go too fast, you may not be able to control your chair. Ask for help if the slope may be beyond your ability.

❖You can control your speed by keeping constant pressure on the handrims.

❖**Never** use the rear wheel locks to try to slow or stop your wheelchair. Doing so is likely to cause you to veer out of control or tip over.

I. TRANSFERS

⚠WARNINGS

If you fail to heed these warnings, a fall or tip over may occur and cause severe injury to you:

1. Transfers require good balance and agility and are **very dangerous**. Be aware that there is a point during each transfer when the wheelchair seat is not below you.

2. **Always** lock the rear wheels before you transfer. Doing so keeps the rear wheels from rolling.

❖**Make sure** to keep pneumatic tires properly inflated. Low tire pressure may allow the rear wheels locks to slip.

3. Locking the rear wheels will **not** keep your chair from sliding away from you or tipping. To avoid a fall, you should:

❖Learn how to position your body and how to support yourself during the transfer.

❖Work with your doctor, nurse or therapist to learn safe transfer methods.

❖Have someone help you until you are sure you can perform safe transfers on your own.

4. Rotate the front casters **forward** to make the chair more stable (see page 16).

5. Be careful of the footrests. To avoid a trip or fall when you transfer, you should:

❖**Make sure** that your feet do not "hang up" or get caught in the space between the footrests.

❖Avoid putting weight on the footrests as the chair may tip forwards.

❖If you can, remove or swing the footrests out of the way.

6. If your chair has armrests, **make sure** that they are out of the way and do not interfere.

J. CURBS AND SINGLE STEPS

⚠WARNINGS

If you fail to heed these warnings, a fall or tip over may occur and cause severe injury to you or others:

1. **Never** try to climb or descend a curb or step alone **unless** you are a skilled rider **and**:

   ❖You can safely do a "wheelie"; **and**

   ❖You are sure you have the upper body strength needed to do so.

2. Unlock and rotate anti-tip tubes up, out of the way, so they do not interfere.

3. **Do not** try to climb a high curb or step (more than 4 inches high) **unless** you have help; your chair may exceed its balance point and tip over.

4. When you have an attendant, **make sure** that the chair has push handles. The attendant must have secure points to hold the rear of the chair.

⚠CAUTION

The impact of dropping down from a curb or step can damage the frame or other chair parts and may loosen fasteners. Check for damage to the chair or loose fasteners before each use.

Tips For Descending a Curb or Single Step With Help

Read and follow the warnings for "**Attendants**". To help the rider descend a curb or single step in a **backward** direction:

1. Check to **make sure** that push handle grips will not rotate or slip off.

2. **Always** stay behind the wheelchair.

3. Several feet before you reach the edge of the curb or step, turn the chair around and pull it backward.

4. While looking over your shoulder, carefully step back until you are off the curb or stair and standing on the lower level.

5. Pull the chair toward you until the rear wheels reach the edge of the curb or step. Then allow the rear wheels to slowly roll down onto the lower level.

6. When the rear wheels are safely on the low level, tilt the chair back to its balance point. This will lift the front casters off the curb or step.

7. Keep the balance position and take small steps backward. Turn the chair around and carefully lower the front casters to the ground.

Tips For Climbing a Curb or Single Step With Help

Read and follow the warnings for "**Attendants**". To help the rider descend a curb or single step in a **forward** direction:

1. **Always** stay behind the wheelchair.

2. Face the curb and tilt the chair up on the rear wheels so that the front casters clear the curb or step.

3. Move forward, placing the front casters on the upper level as soon as you are sure that they are past the edge.

4. Continue forward until the rear wheels contact the face of the curb or step. Lift and roll the rear wheels to the upper level.

K. MOVING A CHAIR AND RIDER UP OR DOWN STAIRS

⚠WARNINGS

Read and follow the warnings for "**Attendants**". If you fail to heed these warnings, a fall or tip over may occur and cause severe injury to the rider or attendants:

1. **Always** use two or more attendants when moving a chair and rider up or down stairs.

2. **Make sure** that this chair has push handles, and that the grips will not rotate or slip off. The attendant at the rear needs secure hand-holds to bear the weight of the chair and rider.

3. Use **only** non-detachable parts of the main frame as hand-holds.

4. **Make sure** that the rider is secure in the chair, with his or her feet, arms and hands safely out of the way.

Tips For Climbing Stairs With Help
Read and follow the warnings for "**Attendants**". Follow these steps when helping the rider climb stairs:

1. Move the chair and rider **backward** up the stairs.

2. The attendant at the rear is in control. He or she tilts the chair back to its balance point.

3. A second attendant at the front firmly grasps a non-detachable part of the front frame and lifts the chair up and over one stair at a time.

4. The attendants reposition themselves on the next stair up and repeat the same procedure for each stair. When the landing is reached, return the chair to its upright position.

Tips For Descending Stairs With Help
Read and follow the warnings for "**Attendants**". Follow these steps when helping the rider descend stairs:

1. Move the chair and rider **forward** down the stairs.

2. The attendant at the rear is in control. He or she tilts the chair to the balance point of the rear wheels and rolls it to the edge of the top step.

3. A second attendant stands firmly on the third step from the top and grasps the chair frame. He or she lowers the chair one step at a time by letting the rear wheels roll over the stair edge.

4. The attendants move to the next stair down and repeat the same procedure for each stair. When the landing is reached, return the chair to its upright position.

L. ESCALATORS

⚠WARNING

Never take a wheelchair on an escalator, even with an attendant. Doing so is **likely** to cause a fall or tip over and severe injury to you or others.

M. STREETS AND ROADWAYS

In most states, wheelchairs are not legal for use on public roads. Be alert to the dangers of motor vehicle traffic on roads or in parking lots.

⚠WARNINGS

1. At night, or when lighting is poor, use reflective tape on your chair and clothing to make it easier for drivers to see you.

2. Due to your low position, it may be hard for drivers to see you. Make eye contact with drivers before you go forward. When in doubt, yield until you are sure it is safe.

N. MOTOR VEHICLE SAFETY

⚠WARNINGS

Quickie wheelchairs **do not** meet federal standards for motor vehicle seating. If you fail to heed these warnings, the rider may suffer a severe injury:

1. **Never** permit anyone to sit in this wheelchair while he or she is in a moving vehicle.

   ❖The rider may be thrown from the chair in an accident or a sudden stop. Wheelchair positioning belts will not prevent this.

2. **Always** move the rider to an approved vehicle seat. Secure the rider with proper motor vehicle restraints.

3. **Never** transport this chair in the front seat of a vehicle. It may shift and interfere with the driver. **Always** secure this chair so that it cannot roll or shift.

O. WEIGHT LIMITATION

⚠WARNING

Never exceed the rider weight limit of **250 pounds**. Doing so may cause the chair to fail and result in a fall and severe injury to you.

VIII. COMPONENTS AND OPTIONS

A. ANTI-TIP TUBES *(OPTIONAL)*

Anti-tip tubes are an option you can obtain from your authorized Quickie supplier. They can help keep your chair from tipping over backward in most normal-use conditions.

⚠WARNINGS

If you fail to heed these warnings, a fall or a tip over backward may occur and cause severe injury to you or others.

1. Quickie recommends the use of anti-tip tubes:

   ❖On all chairs, **unless** you are a skilled rider and can do a "wheelie" at will.

   ❖Each time you modify or adjust your chair. The change may make it easier to tip backward. Use anti-tip tubes until you adapt to the change and are sure that you are not at risk of tipping over.

2. When locked in the "down" position, anti-tip tubes should be **1-1/2 to 2 inches** above ground level on a flat surface.

   ❖If set too **high**, they may fail to prevent a tip over backward.

   ❖If set too **low**, they may "hang up" on the types of obstacles you can expect during normal use. If this occurs, you may fall or your chair may tip over.

3. Anti-tip tubes should be kept locked, in the "down position, **except** when:

   ❖You have an attendant; **or**

   ❖You have to climb or descend a curb or overcome an obstacle and can safely do so without using anti-tip tubes.

   ❖At these times, **make sure** that anti-tip tubes are up, out of the way.

B. ARMRESTS

Armrests are detachable. They are not designed to bear the weight of this chair.

⚠WARNING

Never try to lift this chair by its armrests. They may come loose or break. If this occurs, the chair may fall and cause severe injury to you or others. Lift this chair **only** by non-detachable parts of the main frame.

C. CUSHIONS AND SLING SEATS

⚠WARNINGS

1. Quickie sling seats and standard foam cushions **are not** designed for the relief of pressure.

2. If you suffer from pressure sores or if you are at risk that they will occur, you may need a special seating system or a device to control your posture. Consult your doctor, nurse or therapist to find out if you need such a device for your well-being.

D. FASTENERS

⚠WARNINGS

Many of the screws and bolts used in your chair are special high-strength fasteners. If you fail to heed these warnings, a fall may occur and cause severe injury to you:

1. Improper fasteners may fail. Use **only**:

   ❖Screws and bolts provided by an authorized Quickie supplier; **or**

   ❖Fasteners of the same type and strength, as indicated by the markings on the heads.

2. If screws or bolts become loose, tighten them as soon as possible.

   ❖Refer to the "Set-Up and Check-Out" section for torque settings of screws and bolts. Consult your authorized Quickie supplier to ensure that they are properly tightened.

E. FOOTRESTS

⚠WARNINGS

If you fail to heed these warnings, a fall or tip over may occur and cause severe injury to you:

1. The lowest point of the footrests should be **at least 2-1/2 inches** above ground level on a flat surface.

   ❖If set too **low**, they may "hang up" on the types of obstacles you can expect to find in normal use. This may cause the chair to stop suddenly and tip forward.

2. To avoid a trip or fall when you transfer, you should:

   ❖**Make sure** that your feet do not "hang up" or get caught in the space between the footrests.

   ❖Avoid putting weight on the footrests as the chair may tip forward.

   ❖If you can, remove or swing the footrests out of the way.

3. **Never** lift the wheelchair by the footrests. These parts are detachable and will not bear the weight of this chair. Lift this chair **only** by non-detachable parts of the main frame.

F. MODIFICATIONS AND ADJUSTMENTS

⚠WARNINGS

1. If you modify or adjust this wheelchair, it may increase the risk of a tip over **unless** you make other changes as well.

   ❖Use anti-tip tubes until you adapt to the change and are sure you are not a risk to tip over.

   ❖**Always** consult your authorized Quickie supplier **before** you modify or adjust your chair.

2. Unauthorized modifications or use of parts not supplied or approved by Quickie may change the chair structure. This will void the warranty and may cause a safety hazard.

G. PNEUMATIC TIRES

Proper inflation extends the life of your tires and makes your wheelchair easier to operate.

⚠WARNINGS

If you fail to heed these warnings, a fall or a tire failure may occur and cause severe injury to you:

1. **Do not** use this chair if any of the tires are under- or over-inflated. Check **weekly** for proper inflation level, as listed on the tire sidewall.

2. Low pressure in a rear tire may cause the wheel lock on that side to slip and may cause the wheel to turn when you do not expect it.

3. Low pressure in any of the tires may cause the chair to veer to one side and may result in a loss of control.

4. Over-inflated tires may burst.

H. POSITIONING BELTS

Use positioning belts **only** to help support the rider's posture.

⚠WARNINGS

Improper use of positioning belts may cause severe injury to or death of the rider.

1. **Make sure** that the rider does not slide down in the wheelchair seat. If this occurs, the rider may suffer chest compression or suffocate due to pressure from the belts.

2. The belts must be snug, but must not be so tight that they interfere with breathing. You should be able to slide your open hand, flat, between the belt and the rider.

3. A pelvic wedge or a similar device can help keep the rider from sliding down in the seat. Consult with the rider's doctor, nurse or therapist to find out if the rider needs such a device.

4. Use positioning belts **only** with a cooperative rider. **Make sure** that the rider can easily remove the belts in an emergency.

5. **Never** use positioning belts:

   - ❖As a patient restraint. A restraint requires a doctor's order.
   - ❖On a rider who is comatose or agitate.
   - ❖As a motor vehicle restraint. They will not prevent the rider from being thrown from the wheelchair in an accident or sudden stop.

I. POWER DRIVE ATTACHMENTS

Installing a power drive on this wheelchair is an alteration to the frame and voids the warranty.

⚠WARNING

Do not mount a power drive on any Quickie wheelchair. It will affect the center of balance of your chair and may cause a tip over and severe injury to you.

J. PUSH HANDLES (OPTIONAL)

Push handles are an option you can obtain from your authorized Quickie supplier. They provide secure points for an attendant to hold the rear of this chair.

⚠WARNING

When you have an attendant, make sure that this chair has push handles. If you fail to heed this warning, a fall or tip over may occur and cause severe injury to you or to your attendant.

K. QUICK-RELEASE AXLES

⚠WARNING

An unlocked axle may come off during use, resulting in a fall and severe injury to you.

❖**Never** use this wheelchair **unless** you are sure the quick-release rear axles are locked.

❖When locked, the outside quick-release buttons will pop out to their fully extended position.

L. REAR AXLE POSITION

⚠WARNINGS

A change to the rear axle position affects the center of balance of your chair. If you fail to heed these warnings, a tip over may occur and cause severe injury to you:

1. The farther you move the rear axles forward, the more likely it is that your chair will tip over backward. Read the rear axle adjustment information before you change the axle position.

2. Consult your doctor, nurse or therapist to find out what axle position is best for you.

3. **Always** adjust the rear wheel locks after you make any change to the rear axles. If you fail to do so, the locks may not work.

4. **Make sure** that the grip handles embed at least 1/8 inch when the rear wheels are locked.

M. REAR WHEEL LOCKS

⚠WARNINGS

Rear wheel locks are not designed to slow or stop a moving wheelchair. Use them only to keep the rear wheels from turning when your chair is at a complete stop. If you fail to heed these warnings, you may suffer a severe injury from a tip over, fall or loss of control:

1. Do not use the rear wheel locks to try to slow or stop your chair when it is moving. You may veer out of control or tip over.

2. To keep the rear wheels from turning, always set both rear wheel locks when you transfer to or from your chair.

3. Low pressure in a rear tire may cause the wheel lock on that side to slip and may allow the wheel to turn when you do not expect it.

4. Make sure that the grip handles embed at least 1/8 inch when the rear wheels are locked.

N. SEATING SYSTEM MODIFICATIONS

⚠WARNINGS

Use of a seating system not approved by Quickie may alter the center of balance of the wheelchair. This may cause the chair to tip over and result in severe injury to you.

- **Do not** make a change to the seating system of your wheelchair **unless** you consult your authorized Quickie supplier first.

Use of seating system not approved by Quickie may effect the folding mechanism of this chair.

O. UPHOLSTERY FABRIC

⚠WARNING

Replace worn or torn fabric immediately. Failure to do so may result in a fall and severe injury to you.

IX. ENVIRONMENTAL CONDITIONS

A. WATER, SNOW AND ICE

⚠WARNINGS

Contact with water, snow or ice may cause your chair to rust or corrode. If you fail to heed these warnings, your chair may fail and cause severe injury to you:

1. **Never** use your wheelchair in a pool or other body of water. The chair tubing and parts are not water-tight and may rust or corrode from the inside.

2. If your chair becomes wet, or if you use water to clean it, dry the chair thoroughly as soon as you can.

X. SET-UP AND CHECK-OUT

Note: Setting the wheelchair on a table on flat surface, such as a workbench or table, helps make these procedures easier.

Note on Torque Settings: A torque setting is the optimum tightening which should be made on a particular fastener. A torque wrench which measures in.-lbs. should be used when tightening fasteners on Quickie wheelchairs. Unless otherwise noted, use a torque setting of 60 in.-lbs. when setting-up this wheelchair.

A. AXLE PLATE - STANDARD

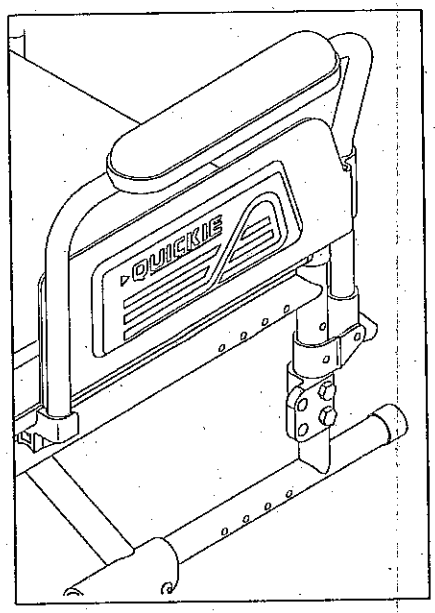
(Quickie LX Only)

The standard axle plate has a vertical adjustment range of 1".

Use at torque setting of 300 in./ lbs. to tighten axle nut.

1) Adjustment

a) Remove two retaining bolts and nuts on axle plate.



b) Turn axle plate upward or downward to desired position.

d) Insert aboth bolts back into axle plate and frame. Tighten nuts.

e) Repeat on opposite side of wheelchair.

f) Axle plates must be in exactly the same position on both sides of the wheelchair.

g) The position you choose affects the rear seat height. Place the axle in the lower hole for level seating. Place the axle in the upper hole for lower seat height.

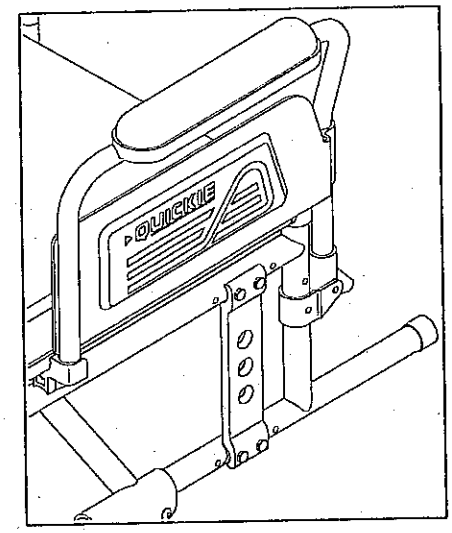
B. AXLE PLATE - ADJUSTABLE

The adjustable axle plate can be adjusted to three different positions. Camber can be adjusted from 0°-5° by adding or removing spacers. Quickie LX series wheelchairs with adjustable axle plates are shipped with 1° of camber.

Use at torque setting of 300 in./ lbs. to tighten axle nut.

1) Adjustment

a) Remove four retaining bolts and nuts on axle plate.



b) Move axle plate forward or rearward to desired position.

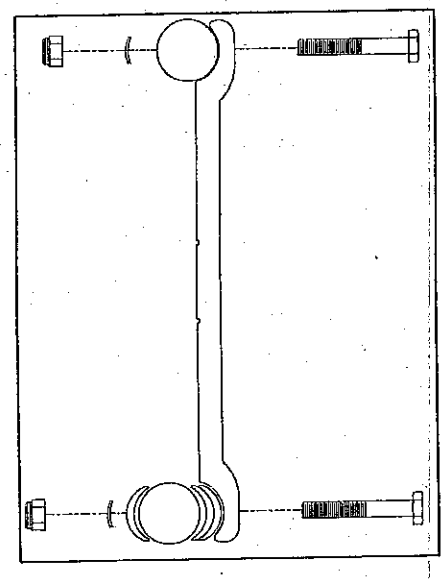
c) If desired, add or remove spacers between axle plate and frame to change camber. For 4° or 5° of camber, longer bolts and extra spacers must be purchased before installation.

d) Insert all four bolts back into axle plate and frame. Tighten nuts.

e) Repeat on opposite side of wheelchair.

f) Axle plate and camber must be exactly the same on both sides of the wheelchair.

C. TOE-IN AND TOE-OUT



Toe-in and Toe-out are terms that relate to how well the rear wheels of the chair are aligned. This will affect how well the chair will roll. Drag or resistance occurs in a wheelchair when the rear wheels are not properly aligned.

Toe-in can be slightly adjusted for by adding or removing wave washers between the axle plate and rear frame tube. To make this adjustment:

a) Remove rear wheel (see axles instructions).

b) Remove axle plate (see axle plate instructions).

d) Add or remove wave washers between rear frame and axle plate. (Wave washers may be purchased from an authorized Quickie supplier.)

e) Reinstall axle plate bolts.

f) Reinstall rear wheel (see axles instructions).

g) Repeat on opposite side of wheelchair.

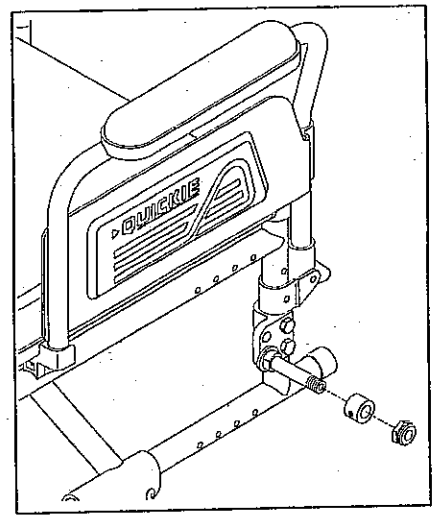
D. AXLES - THREADED

1. Adjustment

a) Remove inside bolt from axle and remove axle and wheel.

b) Insert the axle into desired axle plate position.

c) Tighten bolt.



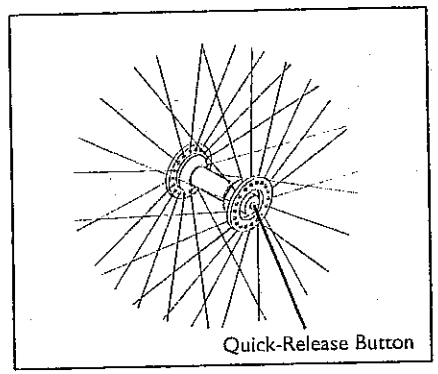
E. AXLES - QUICK RELEASE (optional)

a) Depress the quick-release button on the axle.

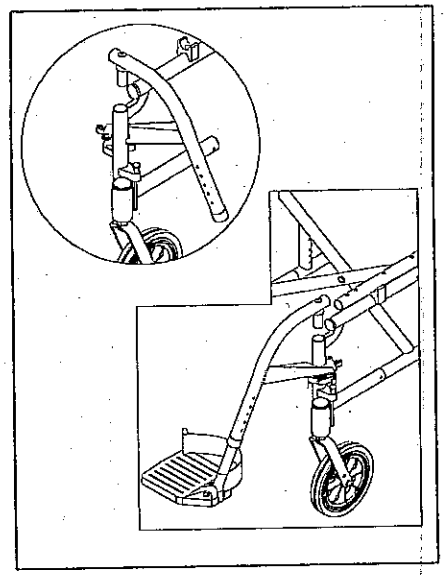
b) Slide through wheel hub and into axle sleeve until it locks.

c) The axle is not secured until the outside quick-release button pops out to its fully extended position.

d) The ball bearing on the opposite end of the axle must be fully visible beyond the end of the axle sleeve.


Quick-Release Button

F. SWING-AWAY HANGERS AND FOOTRESTS (60°, 70°, 70°V or 90°)



1. Installation

a) Place swing-away pivot saddle into the receiver on front frame tube with the footrest facing outward from the frame.

b) Rotate the footrest inward until it locks into place on locking bolt.

2. Removal

a) To remove footrest, push release latch toward the frame.

b) Rotate footrest outward and lift.

3. Height Adjustment

a) Remove retaining bolt in the frame tube.

b) Slide footrest tubes up or down inside frame tube to desired height.

c) Align predrilled holes in footrest and reinsert bolts.

d) Tighten bolts.

4. Footplate Angle-Adjustment

a) Loosen the retaining bolt in the frame tube.

b) Reposition footplate to desired angle and retighten bolt.

G. ARTICULATING LEGREST OR ELEVATING LEGREST (optional)

1. Installation

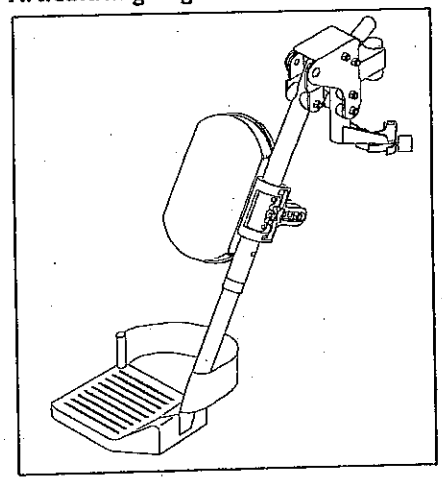
To install or remove articulating legrest (ALR) or elevating legrest (ELR) see instructions for swing-away hangers and footrests.

2. Adjustment

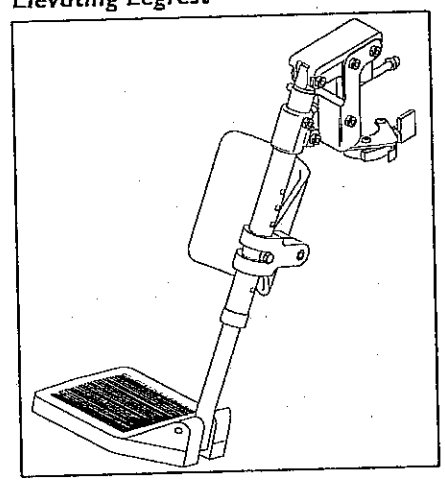
a) To raise legrest, lift to desired position. Legrest will automatically lock in place.

b) To lower, while seated in chair, press release lever forward and lower legrest to desired position. Legrest will automatically lock in place.

Articulating Legrest

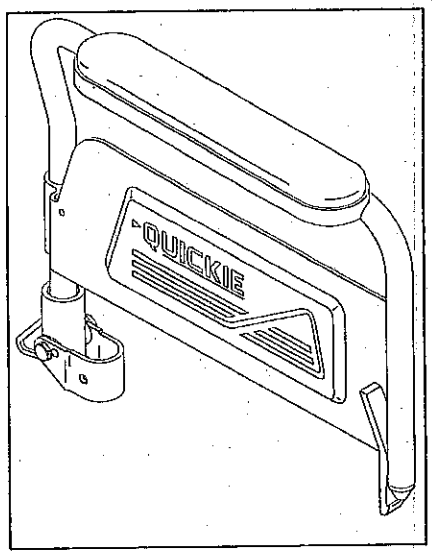


Elevating Legrest



H. FLIP-BACK ARMRESTS

Flip-back armrests are shipped standard on Quickie LX series wheelchairs. They are installed at Quickie.



1. Flipping Armrests Back

a) To flip armrests back, depress the release latch and pull arm toward back of wheelchair.

I. FLIP-BACK HEIGHT-ADJUSTABLE ARMRESTS

(optional)

Flip-back height-adjustable armrests are installed at Quickie.

1. Height-Adjustment

a) Release the upper securing lever.

b) Slide armpad up or down to desired height.

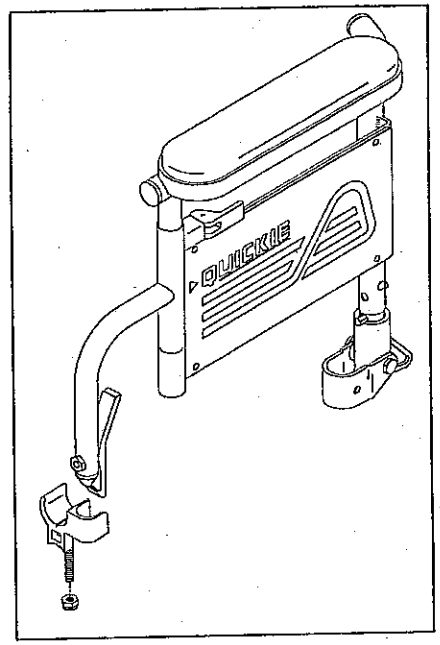
c) Return lever to locked position.

2. Flipping Armrest Back and Removing Armrest

a) Depress the release latch and pull arm toward back of wheelchair.

b) To remove, pull up on armrest. Pin securing armrest will automatically release.

c) To return armrest to operating position, push armpad down until it locks firmly into place.



Flip-Back Height-Adjustable Armrest Key

1. Armrest pad
2. Upper securing lever
3. Release latch
4. Armrest panel
5. Rear receiver
6. Armrest release pin

J. HEIGHT-ADJUSTABLE ARMRESTS (optional)

1. Installation

a) Slide the outer armpost into the receiver mounted to the wheel chair frame.

b) The armrest will automatically lock into place.

2. Height Adjustment

a) Rotate release lever to second stop.

b) Slide armrest pad up or down to desired height.

c) Return lever to locked position against armpost.

d) Push arm pad until upper armpost locks firmly into place.

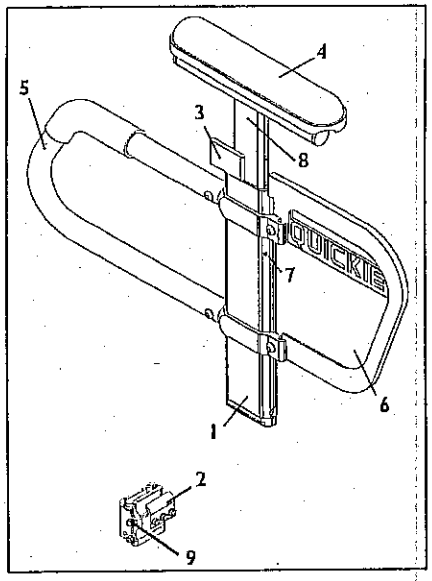
3. Removing Armrest

a) Rotate release lever to first stop and remove the armrest

4. Replacing Armrest

a) Slide armrest back into receiver.

b) Return release lever to locked position against armpost.



Height-Adjustable Armrest Key

1. Outer armpost
2. Standard receiver
3. Release lever
4. Armrest pad
5. Transfer bar
6. Side panel
7. Outer armpost tension adjustment set screws
8. Inner armpost
9. Receiver adjustment bolts

5. Adjusting Armrest Receiver Fit

To tighten or loosen the fit of the outer armpost in the receiver:

a) Loosen the four bolts on the sides of the receiver.

b) With the armrest in the receiver, squeeze the receiver to achieve the desired fit.

c) Tighten the four bolts.

6. Adjusting Inner Armpost Fit

a) Two set screws are installed in the outer armpost.

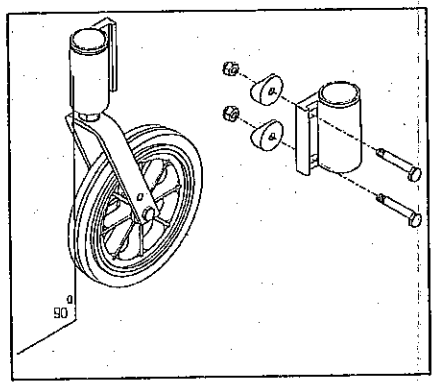
b) Turn the set screws in or out until the desired fit is achieved.

K. CASTER PLATES

Use a torque setting of 75-80 in./ lbs. when adjusting caster angle.

1. Angle Adjustment

a) Loosen the two eccentric bolts that secure the caster assembly. Do not remove the clevis pin.



b) Place a large right triangle against the table surface and the front surface of the caster bearing housing. This will align the caster stem rotational axis perpendicular to the floor surface.

c) When alignment is satisfactory, retighten the two eccentric bolts.

d) Repeat the process for the other caster.

2. Caster Fork Positioning

a) When the caster is placed in the lower caster fork position the rear axle should also be placed in the lower axle position.

b) When the caster is placed in the top position the rear axle should also be placed in the top axle position.

L. CASTER MOUNTING

1. Forward or Rearward Placement

a) Remove caster housing covers.

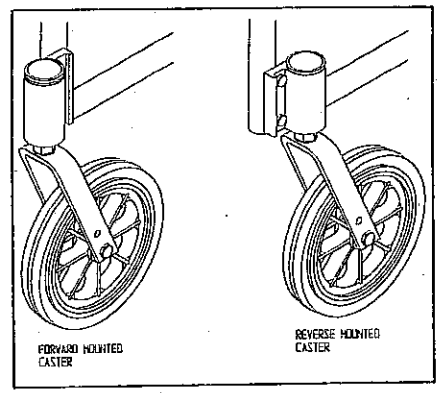
b) Remove the two eccentric bolts from each caster.

c) Move left-side caster to right side.

d) Move right-side caster to left side.

e) Remount casters to caster bracket.

Quickie Designs recommends mounting casters forward whenever possible.



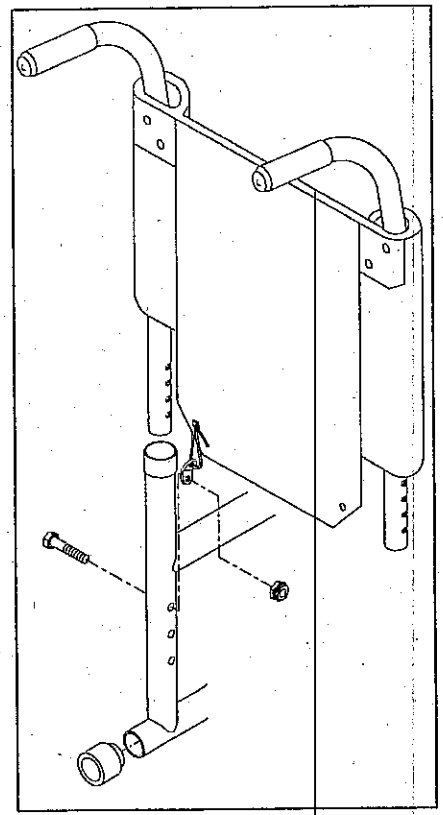
M. BACKREST

Quickie LX series wheelchairs are shipped with an 8° bend.

Use a torque setting of 100 in./ lbs. to tighten bolts.

1. Height Adjustment

a) Remove bolt which attaches metal upholstery tab to frame tube.



b) The backrest tube telescopes into the frame and is secured by a bolt on the side of the frame.

c) Remove bolt.

d) There are four holes, 1" apart, you may choose from to set the back height.

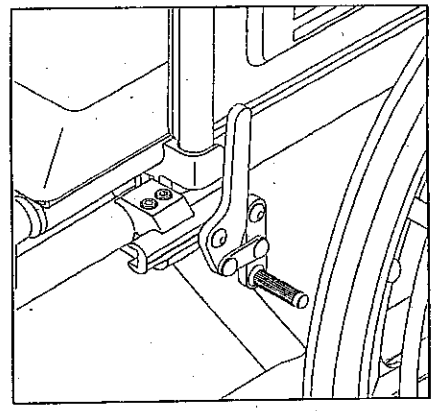
e) After selecting the proper height reattach the metal upholstery tab to bolt.

f) Tighten nut and bolt assembly.

N. WHEEL LOCKS

Quickie LX series wheelchairs are shipped with one-of-two types of high-mount wheel locks. Wheel locks are installed at the factory unless you have requested otherwise.

Use a torque setting of 100 in.-lbs. when setting-up wheel locks.



1. Adjustment

a) Loosen the screws on the top of each clamp. Do not attempt to remove one screw at a time.

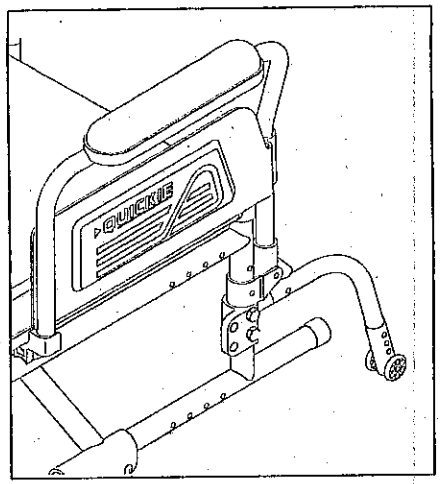
b) Slide assembly toward rear wheel until clamp embeds into tire to prevent wheel movement, when in locked position.

c) Adjust angle position.

d) Tighten screws.

O. ANTI-TIP TUBES
(optional)

Quickie Designs recommends anti-tip tubes for all wheelchairs.



Use a torque setting of 100 in.-lbs. when setting-up anti-tip tubes.

1. Inserting Anti-Tip Tubes Into Receiver

a) Press the rear anti-tip release lever on the anti-tip tube so that both release pins are drawn inside.

b) Insert into the anti-tip tube receiver.

c) Turn the anti-tip tube down until release pin is through the receiver mounting hole.

d) Insert second anti-tip tube the same way.

2. Adjusting Anti-Tip Receiver

a) Remove anti-tip tubes from anti-tip receivers.

b) Remove button head bolt from anti-tip tube receiver.

c) Reposition bracket to desired height.

d) Reinsert button-head bolt and tighten.

e) Repeat with second anti-tip tube receiver. Both brackets should be at exactly the same height.

f) Press the rear anti-tip release lever on the anti-tip tube, so that both release pins are drawn inside.

g) Insert it into the anti-tip tube receiver.

h) Turn the anti-tip tube down until release pin is through the receiver mounting hole.

i) Insert second anti-tip tube the same way.

3. Adjusting Anti-Tip Tube Wheel

The anti-tip tube wheels may have to be raised or lowered to achieve proper clearance of 1 1/2" to 2".

a) Press the anti-tip wheel release button so that both release pins are drawn inside.

b) Raise or lower to one of the three predrilled holes.

c) Release button.

d) Adjust the second anti-tip tube wheel the same way. Both wheels should be at exactly the same height.

4. Turning Anti-Tip Tubes Up

Turn anti-tip tubes up when being pushed by attendant, overcoming obstacles or climbing curbs.

a) Press the rear anti-tip tube release lever.

b) Hold lever in and turn anti-tip tube up.

c) Release lever.

d) Repeat with second anti-tip tube.

e) Remember to return anti-tip tubes to down position after completing maneuver.

P. SEAT SLING

The seat sling can be adjusted through the use of VELCRO®-style retaining material beneath the seat.

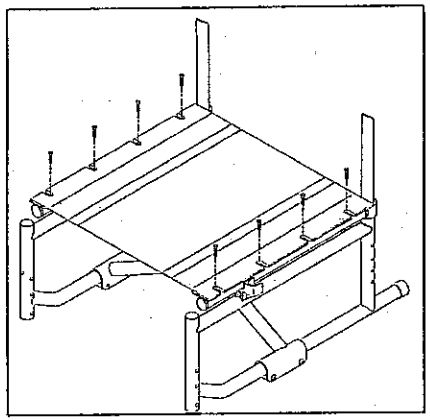
1. Adjustment

a) Remove the screws retaining the right side seat sling.

b) Readjust VELCRO®-style material to increase the tension in the seat sling.

c) Replace screws.

d) If there is any difficulty in reattaching the screws, try using a probe to help line up the holes.



Q. CUSHION (optional)

1. Installation

a) Place cushion on seat sling with VELCRO® side down. The beveled edge of the cushion should be in front.

b) Press firmly into place.

R. FOLDING AND UN-FOLDING

1. Folding Chair

a) Remove quick-release wheels (optional)

i) Depress quick-release axle.

ii) Remove wheel by sliding out quick-release axle from axle bracket.

iii) Repeat with other wheel.

b) Flip-up the footplates to a vertical position before folding the wheelchair.

c) Grasp the seat sling (in the center) and lift sharply until the wheelchair is folded.

2) Unfolding Chair

a) Tilt the wheelchair toward you far enough to take the weight off the opposite wheel.

b) Push down on the seat rail (closest to you) until the wheelchair is completely opened.

c) Make sure seat rail tubes are snapped into frame saddles.

d) Replace quick-release wheel (optional) by depressing the quick-release button on the axle.

e) Slide it into the axle sleeve until it locks.

f) Repeat with other wheel.

S. STANDARD AND LOW FRONT SEAT HEIGHTS

Quickie LX series wheelchairs can be easily changed from standard to low seat heights by making a few simple adjustments. Before making any adjustments refer to the chart below.

Important Note: A front caster angle-adjustment should be made to correspond with any change in seat height.

1. Standard Front Seat Height

a) To achieve an 18" or 19" front seat height, position the front casters and rear wheels in the bottom frame and fork settings.

2. Low Front Seat Height

a) To achieve a 15" or 17 1/2" front seat height, position the front casters and rear wheels in the top frame and fork settings.

T. CHECK-OUT

After the wheelchair is assembled and adjusted, it should roll smoothly and easily. All accessories should also perform smoothly. If you have any problems, follow these procedures:

1) Review assembly and adjustment sections to make sure chair was properly prepared.

2) Review troubleshooting guide.

3) If your problem persists, contact your authorized Quickie supplier. If you still have a problem after contacting your authorized Quickie supplier, contact Quickie customer service. See the introduction page for details on how to contact your authorized Quickie supplier or Quickie customer service.

XI. MAINTENANCE, CLEANING AND STORAGE

To maintain the wheelchair properly, you will need the following tools:

- ❖7/16" socket and open-end wrench
- ❖1/2" socket and open-end wrench
- ❖3/4" socket and open-end wrench
- ❖1 1/8" socket, axle sleeve
- ❖5/32" Allen wrench
- ❖3/16" Allen wrench
- ❖Phillips screwdriver #2
- ❖Slotted screwdriver
- ❖Custom axle wrench (1/2" open-end wrench can be substituted)
- ❖Torque wrench
- ❖3" long 1/4"-20 adjustment bolt

⚠WARNING

Your wheelchair requires regular maintenance to maintain performance and avoid premature wear, damage and injury.

❖Failure to observe any of the following maintenance procedures could lead to serious injury to the rider, premature wear or damage to the wheelchair.

❖Use the maintenance chart, maintenance tips and storage tips below to keep your Quickie wheelchair in peak working condition. A complete inspection, safety check and servicing should be made by an authorized Quickie supplier at least once a year.

Maintenance Chart

You should check the items on this chart at the indicated intervals. If any of the items are loose, worn, bent or distorted, immediately have them checked and/or repaired by your authorized Quickie supplier. Frequent maintenance and servicing will improve performance and extend wheelchair life.

	Check every three months.	Check every six months.	Annually
Armrests		✓	
Axle Sleeves		✓	
Casters	✓		
Fasteners	✓		
Frame		✓	
Upholstery	✓		
Wheels, Tires & Spokes	✓		
Wheel Locks	✓		
Servicing by Authorized Quickie Supplier			✓

MAINTENANCE TIPS:

AXLE SLEEVES: Check axle sleeves every six months for tightness. Loose sleeves will damage the axle plate and will adversely effect performance.

FRAME FINISH:

Painted frame: Periodic cleaning with a nonabrasive cleaner is recommended. Frame may be polished with nonabrasive automotive wax.

TIRE AIR PRESSURE: Check air pressure in pneumatic tires WEEKLY. Air pressure, as specified on tire sidewall, must be maintained or wheel locks will not grip properly.

UPHOLSTERY: Clean upholstery by hand-washing; drip-dry only. DO NOT put upholstery in dryer.

STORAGE TIPS:

Your wheelchair should be stored in a dry location so that components do not rust. If your wheelchair is stored for any period of time, make sure it is adjusted properly and all components are in working order before operating. Do any necessary maintenance listed on the maintenance chart. If your wheelchair has been stored for more than three months you should have it inspected by an authorized Quickie supplier before using it.

XII. TROUBLESHOOTING

Your wheelchair will require certain adjustments, especially if original settings are altered. This troubleshooting chart offers you a first solution, then a second and a third if needed. Some areas may require more investigation to find the most suitable solution for a specific problem. Remember, never make more than one change at a time, so you can keep track of your progress.

Symptoms: Left Turn in Chair	Right Turn in Chair	Looseness in Chair	Sluggish Turning	Squeaks and Rattles	Caster Flutter	Solutions
■	■	■	■			Make sure tire pressure is correct and equal in both rear tires and front caster tires, if pneumatic.
		■	■	■	■	Make sure all nuts and bolts are snug
		■		■		Make sure all spokes and nipples are tight on radial spoke wheels.
				■		Use Tri-Flow Lubricant (Teflon®-based) between all modular frame connections and parts.
■	■		■		■	Check for proper caster plate adjustment. See instructions for caster plate adjustment.
■	■				■	Make sure both front casters touch the ground simultaneously. If they do not, add the proper spacers between the bottom bearing of the caster plate and fork stem nut until they do. Make sure you check for this problem on a flat surface.
	■					Add a spacer washer between the plastic saddle and the caster plate on the top of the left caster plate.
■						Add a spacer washer between the plastic saddle and the caster plate on the top of the right caster plate.
■						Add a spacer washer between the plastic saddle and the caster plate on the bottom right caster plate retaining bolts.
	■					Add a spacer washer between the plastic saddle and the caster plate on the bottom right caster plate retaining bolts.
■	■		■			Make sure there is an equal number of camber washers on each axle plate.

XIII. SUMMARY

Use this summary for making quick references. This summary is not intended to replace complete use instructions. **This entire manual should be read before the device is operated.**

IF YOU HAVE A PROBLEM:

1) Review Set-Up and Check-Out section.

2) Review Troubleshooting Guide.

3) Contact your authorized Quickie supplier or Quickie customer service.

Authorized Quickie Supplier:_____
Address:_____
Telephone Number:_____

Quickie Designs Inc.
Customer Service Department
2842 Business Park Avenue
Fresno, California 93727
(209) 292-2171 or (800) 456-8165

AVOIDING PROBLEMS:

1) The rider of this wheelchair should be thoroughly trained in its proper use by a health care professional **before** operating it.

2) Be sure to read the General Warnings and Cautions section of this manual to review any possible hazards.

3) Review the Maintenance, Cleaning and Storage section and keep your wheelchair in good working order.

4) A complete inspection, safety check and servicing must be made by an authorized Quickie supplier at least once a year.

XIV. WARRANTY

QUICKIE DESIGNS LIMITED WHEELCHAIR WARRANTY

Quickie Designs warrants the Quickie LX series wheelchair frame, and quick-release axles against defects in materials and workmanship for the lifetime of the original purchaser.

All Quickie wheelchairs manufactured and distributed parts and components (including frame components, axle plates, caster plates, armrests, backrests, etc.) are warranted against defects in materials and workmanship for one year from purchase date. Those items not warranted are: all tires and tubes, upholstery, armrest pads and push handle grips.

Quickie Designs will repair or replace parts as required provided: (a) an authorization for such a return has been acquired by an established Quickie supplier; and (b) that the part or parts in question is/are returned fully insured (with freight prepaid) to Quickie Designs, 2842 Business Park Ave., Fresno, CA 93727-1328, within the prescribed period of warranty. Labor charge incurred in the installation or repair of the aforementioned parts plus all freight charges are not included in the warranty.

Wheelchairs returned to Quickie Designs for warranty repair or replacement must have the serial number tag attached to the wheelchair. The warranty is void on wheelchairs that obviously have had the serial number tag removed or altered.

Quickie Designs will not warranty any parts damaged by improper installation and/or repair, neglect, accident or misuse on the part of the individual owner. Parts altered or serviced by an agency not authorized by Quickie Designs are not warrantied. Quickie Designs will not warranty the frame or any parts damaged when the maximum weight limit of two hundred and fifty (250) pounds is exceeded.

Quickie Designs sole liability extends to repair or replacement of parts or components as previously specified. The foregoing is in lieu of all warranties, expressed, implied or statutory, whether written or oral. Warranty applies in the US only. Check with Quickie Designs distributor regarding international warranties.

Record your serial number here for future reference:

Serial #

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